

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_118 PS
Date: 23-Jun-18
Blast Time: 11:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: 23 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	55.5 LAeq	102.2 dB
Edwards:	45.1 LAeq	97.4 dB
Fred:	44.2 LAeq	89.0 dB
Hollinger Office:	55.9 LAeq	102.5 dB
Noah:	62.0 LAeq	99.7 dB
Sandy:	43.4 LAeq	105.9 dB
Water Tower:	48.0 LAeq	105.4 dB
Wilson:	47.3 LAeq	93.5 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.8	14.4	19.4	24.6
Edwards:	14.4	19.6	28.5	43.0
Hollinger Office:	21.5	28.3	24.4	32.9
Sandy:	13.7	40.2	25.6	52.4

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.3	7.5
Edwards:	5.3	15.3
Hollinger Office:	2.1	3.3
Sandy:	1.6	11.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.2	0.2	0.2
Imerys:	0.1	0.1	0.2
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.2	1.0	1.6
Water Tower:	0.3	0.2	0.2
Wilson:	0.9	0.6	0.8